

09/787923

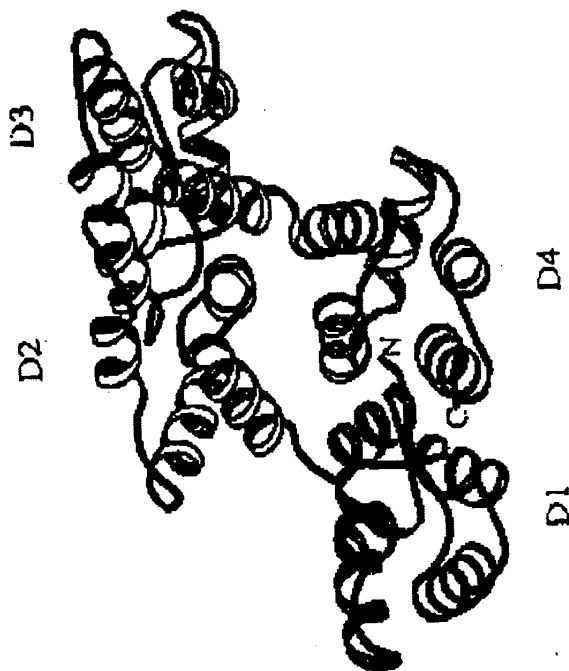


FIG. 1A

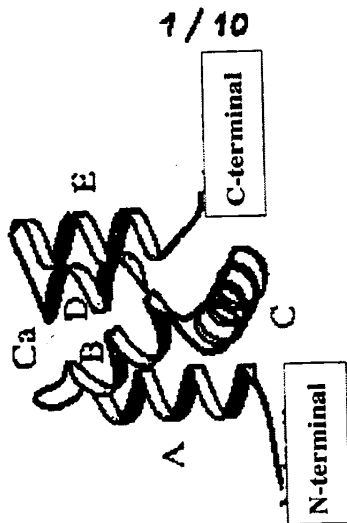


FIG. 1B

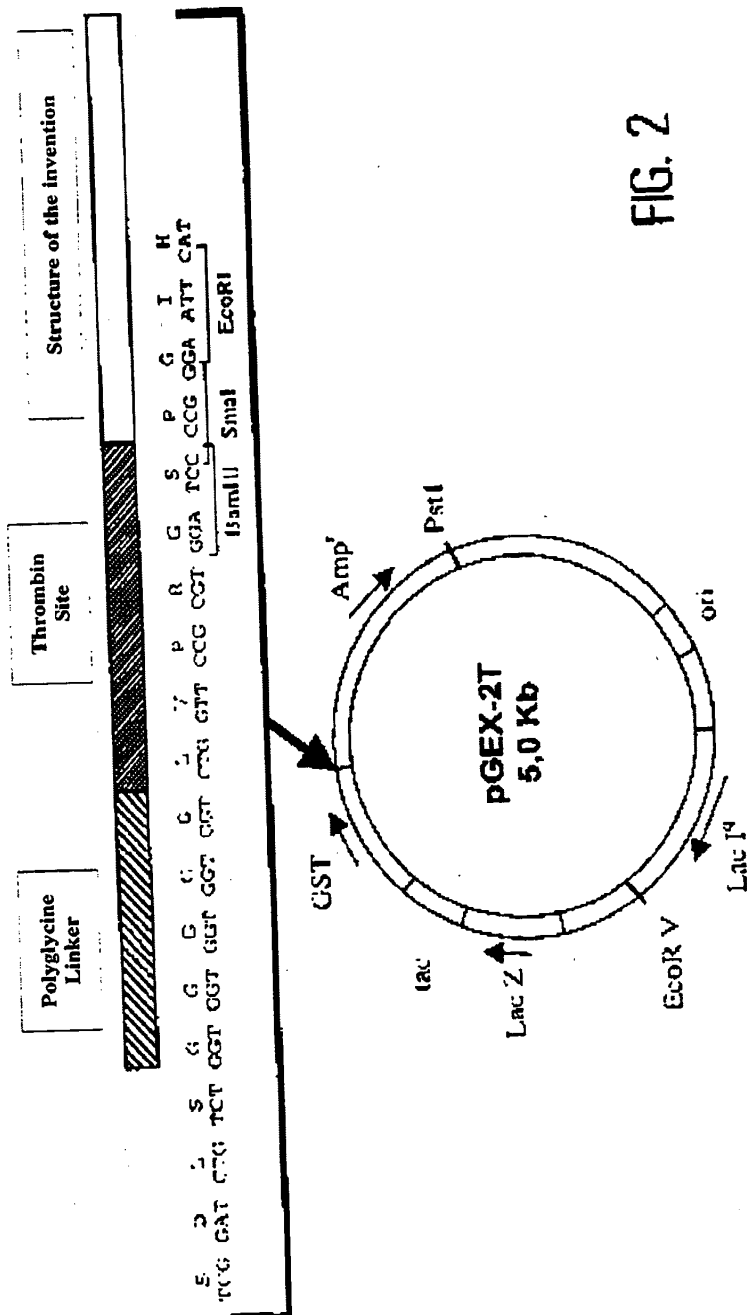
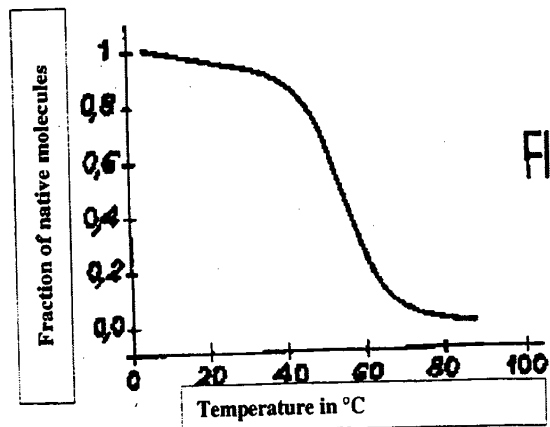
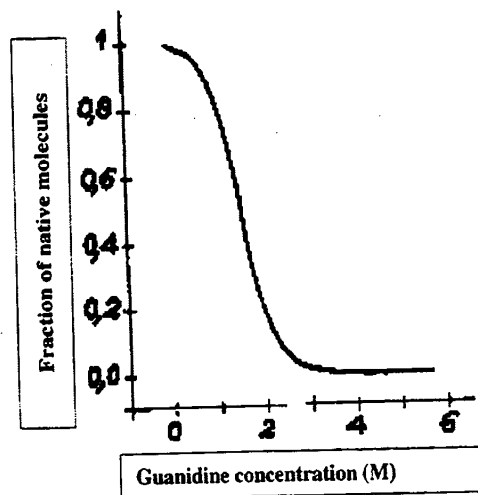
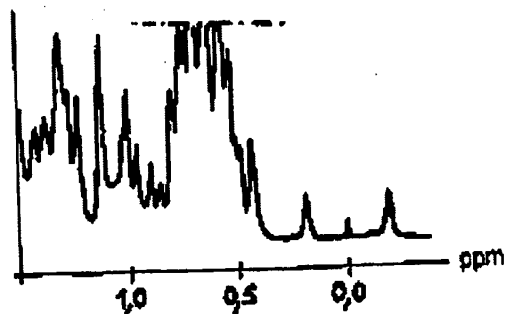


FIG. 2

09/787923

3 / 10



09/78/922

Sequence ID No. 1

4/10

Domain 2

Met Ala Met Val Ser Glu Phe Leu Lys Gln Ala Trp Phe Ile
 1 5 10
 Glu Asn Glu Glu Gln Glu Tyr Val Gln Thr Val Lys Ser Ser
 15 20 25
 Lys Gly Gly Pro Gly Ser Ala Val Ser Pro Tyr Pro Thr Phe
 30 35 40
 Asn Pro Ser Ser Asp Val Ala Ala Leu His Lys Ala Ile Met
 45 50 55
 Val Lys Gly Val Asp Glu Ala Thr Ile Ile Asp Ile Leu Thr
 60 65 70
 Lys Arg Asn Asn Ala Gln Arg Gln Gln Ile Lys Ala Ala Tyr
 75 80
 Leu Glu Glu Thr Gly Lys Pro Leu Asp Glu Thr Leu Lys Lys
 85 90 95
 Ala Leu Thr Gly His Leu Glu Glu Val Val Leu Ala Leu Leu
 100 105 110
 Lys Thr Phe Ala Gln Phe Asp Ala Asp Glu Leu Arg Ala Ala
 115 120 125
 Met Lys Gly Leu Gly Thr Asp Glu Asp Thr Leu Ile Glu Ile
 130 135 140
 Leu Ala Ser Arg Thr Asn Lys Glu Ile Arg Asp Ile Asn Arg
 145 150
 Val Tyr Arg Glu Glu Leu Lys Arg Asp Leu Ala Lys Asp Ile
 155 160 165
 Thr Ser Asp Thr Ser Gly Asp Phe Arg Asn Ala Leu Leu Ser
 170 175 180
 Leu Ala Lys Gly Asp Arg Ser Glu Asp Phe Gly Val Asn Glu
 185 190 200
 Asp Leu Ala Asp Ser Asp Ala Arg Ala Leu Tyr Glu Ala Gly
 205 210 215
 Glu Arg Arg Lys Gly Thr Asp Val Asn Val Phe Asn Thr Ile
 220 225
 Leu Thr Thr Arg Ser Tyr Pro Gln Leu Arg Arg Val Phe Gln
 230 235 240
 Lys Tyr Thr Lys Tyr Ser Lys His Asp Met Asn Lys Val Leu
 245 250 255
 Asp Leu Glu Leu Lys Gly Asp Ile Glu Lys Cys Leu Thr Ala
 260 265 270 275
 Ile Val Lys Cys Ala Thr Ser Lys Pro Ala Phe Phe Ala Glu
 280 285 290
 Lys Leu His Gln Ala Met Lys Gly Val Gly Thr Arg His Lys
 295 300
 Ala Leu Ile Arg Ile Met Val Ser Arg Ser Glu Ile Asp Met
 305 310 315
 Asn Asp Ile Lys Ala Phe Tyr Gln Lys Met Tyr Gly Ile Ser
 320 325 330
 Leu Cys Gln Ala Ile Leu Asp Glu Thr Lys Gly Asp Tyr Glu
 335 340 345
 Lys Ile Leu Val Ala Leu Cys Gly Gly Asn
 350 355

FIG. 6A: Human annexin I

09/78/923

Sequence ID No. 2

5/10

Domain 1

Met Ala Gln Val Leu Arg Gly Thr Val Thr Asp Phe Pro Gly
 1 5 10
 Phe Asp Glu Arg Ala Asp Ala Glu Thr Leu Arg Lys Ala Met
 15 20 25
 Lys Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu
 30 35 40
 Thr Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala
 45 50 55
 Phe Lys Thr Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys
 60 65 70
 Ser Glu Leu Thr Gly Lys Phe Glu Lys Leu Ile Val Ala Leu
 75 80
 Met Lys Pro Ser Arg Leu Tyr Asp Ala Tyr Glu Leu Lys His
 85 90
 Ala Leu Lys Gly Ala Gly Thr Asn Glu Lys Val Leu Thr Glu
 95 100 105
 Ile Ile Ala Ser Arg Thr Pro Glu Glu Leu Arg Ala Ile Lys
 110 115 120
 Gln Val Tyr Glu Glu Glu Tyr Gly Ser Ser Leu Glu Asp Asp
 125 130 135
 Val Val Gly Asp Thr Ser Gly Tyr Tyr Gln Arg Met Leu Val
 140 145
 Val Leu Leu Gln Ala Asn Arg Asp Pro Asp Ala Gly Ile Asp
 150 155 160
 Glu Ala Gln Val Gly Gln Asp Ala Gln Ala Leu Phe Gln Ala
 165 170 175
 Gly Glu Leu Lys Trp Gly Thr Asp Glu Glu Lys Phe Ile Thr
 180 185 190
 Ile Phe Gly Thr Arg Ser Val Ser His Leu Arg Lys Val Phe
 195 200 205
 Asp Lys Tyr Met Thr Ile Ser Gly Phe Gln Ile Glu Glu Thr
 210 215
 Ile Asp Arg Glu Thr Ser Gly Asn Leu Glu Gln Leu Leu Leu
 220 225
 Ala Val Val Lys Ser Ile Arg Ser Ile Pro Ala Tyr Leu Ala
 230 235 240 245
 Glu Thr Leu Tyr Tyr Ala Met Lys Gly Ala Gly Thr Asp Asp
 250 255 260
 His Thr Leu Ile Arg Val Met Val Ser Arg Ser Glu Ile Asp
 265 270 275
 Leu Phe Asn Ile Arg Lys Glu Phe Arg Lys Asn Phe Ala Thr
 280 285
 Ser Leu Tyr Ser Met Ile Lys Gly Asp Thr Ser Gly Asp Tyr
 290 295 300
 Lys Lys Ala Leu Leu Leu Leu Gln Gly Glu Asp Asp
 305 310 315

FIG. 6B:

Human annexin V

Sequence ID No. 3

6/10

Domain 2

Met Ala Ser Ile Trp Val Gly His Arg Gly Thr Val Arg Asp
 1 5 10
 Tyr Pro Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Gln
 15 20 25
 Lys Ala Ile Arg Gly Ile Gly Thr Asp Glu Lys Met Leu Ile
 30 35 40
 Ser Ile Leu Thr Glu Arg Ser Asn Ala Gln Arg Gln Leu Ile
 45 50 55
 Val Lys Glu Tyr Gln Ala Ala Tyr Gly Lys Glu Leu Lys Asp
 60 65 70
 Asp Leu Lys Gly Asp Leu Ser Gly His Phe Glu His Leu Met
 75 80
 Val Ala Leu Val Thr Pro Pro Ala Val Phe Asp Ala Lys Gln
 90 95
 Leu Lys Lys Ser Met Lys Gly Ala Gly Thr Asn Glu Asp Ala
 100 105 110
 Leu Ile Glu Ile Leu Thr Thr Arg Thr Ser Arg Gln Met Lys
 115 120 125
 Asp Ile Ser Glu Ala Tyr Tyr Thr Val Tyr Lys Lys Ser Leu
 130 135 140
 Gly Asp Asp Ile Ser Ser Glu Thr Ser Gly Asp Phe Arg Lys
 145 150
 Ala Leu Leu Thr Leu Ala Asp Gly Arg Arg Asp Glu Ser Leu
 155 160 165
 Lys Val Asp Gln His Leu Ala Lys Gln Asp Ala Gln Ile Leu
 170 175 180
 Tyr Lys Ala Gly Glu Asn Arg Trp Gly Thr Asp Glu Asp Lys
 185 190 195
 Phe Thr Glu Ile Leu Cys Leu Arg Ser Phe Pro Gln Leu Lys
 200 205 210
 Leu Thr Phe Asp Glu Tyr Arg Asn Ile Ser Gln Lys Asp Ile
 215 220
 Val Asp Ser Ile Lys Gly Glu Leu Ser Gly His Phe Glu Asp
 225 230 235
 Leu Leu Leu Ala Ile Val Asn Cys Val Arg Asn Thr Pro Ala
 240 245 250
 Phe Leu Ala Glu Arg Leu His Arg Ala Leu Lys Gly Ile Gly
 255 260 265
 Thr Asp Glu Phe Thr Leu Asn Arg Ile Met Val Ser Arg Ser
 270 275 280 285
 Glu Ile Asp Leu Leu Asp Ile Arg Thr Glu Phe Lys Lys His
 290 295
 Tyr Gly Tyr Ser Leu Tyr Ser Ala Ile Lys Ser Asp Thr Ser
 300 305 310
 Gly Asp Tyr Glu Ile Thr Leu Leu Lys Ile Cys Gly Gly Asp Arg
 315 320 325

FIG. 6C: Human annexin III

09/787925

Sequence ID No. 4

7/40

Domain 1

Met Ala Thr Lys Gly Gly Thr Val Lys Ala Ala Ser Gly Phe
 1 5 10
 Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
 15 20 25
 Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala
 30 35 40
 Tyr Arg Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr
 45 50 55
 Lys Ser Thr Ile Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser
 60 65 70
 Gln Leu Ser Gly Asn Phe Glu Gln Val Ile Val Gly Met Met
 75 80
 Thr
 85

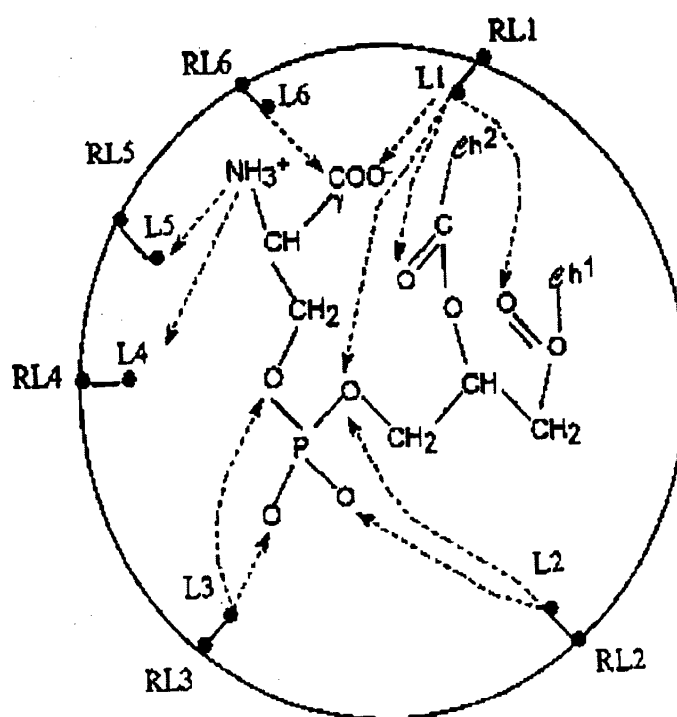
Sequence ID No. 5

Domain 2

Pro Thr Val Leu Tyr Asp Val Gln Glu Leu Gln Arg Lys
 85 90 95
 Ala Met Lys Gly Ala Gly Thr Asp Glu Gly Cys Leu Ile Glu
 100 105 110
 Ile Leu Ala Ser Arg Thr Pro Glu Glu Ile Arg Arg Ile Asn
 115 120 125
 Gln Thr Tyr Gln Leu Gln Tyr Gly Arg Ser Leu Glu Asp Asp
 130 135 140
 Ile Arg Ser Asp Thr Ser Phe Met Phe Gln Arg Val Leu Val
 145 150
 Ser Leu Ser Ala Gly Gly Arg Asp Glu Gly Asn Tyr Leu Asp
 155 160 165
 Asp Ala Leu Val Arg Gln Asp Ala Gln Asp Leu Tyr Glu Ala
 170 175 180
 Gly Glu Lys Lys Tyr Gly Thr Asp Glu Val Lys Phe Leu Thr
 185 190 195 200
 Val Leu Cys Ser Arg Asn Arg Asn His Leu Leu His Val Phe
 205 210 215
 Asp Glu Tyr Lys Arg Ile Ser Gln Lys Asp Ile Gln Gln Ser
 220 225
 Ile Lys Ser Glu Thr Ser Gly Ser Phe Glu Asp Ala Leu Leu
 230 235 240
 Ala Ile Val Lys Cys Met Arg Asn Lys Ser Ala Tyr Thr Ala
 245 250 255
 Glu Lys Leu Tyr Lys Ser Met Lys Gly Leu Gly Thr Asp Asp
 260 265 270
 Asn Thr Leu Ile Arg Val Met Val Ser Arg Ala Glu Ile Asp
 275 280 285
 Met Leu Asp Ile Arg Ala His Phe Lys Arg Leu Tyr Gly Lys
 290 295
 Ser Leu Tyr Ser Phe Ile Lys Gly Asp Thr Ser Gly Asp Tyr
 300 305 310
 Arg Lys Val Leu Leu Val Leu Cys Gly Gly Asp Asp
 315 320 325

FIG. 6D: Human annexin IV

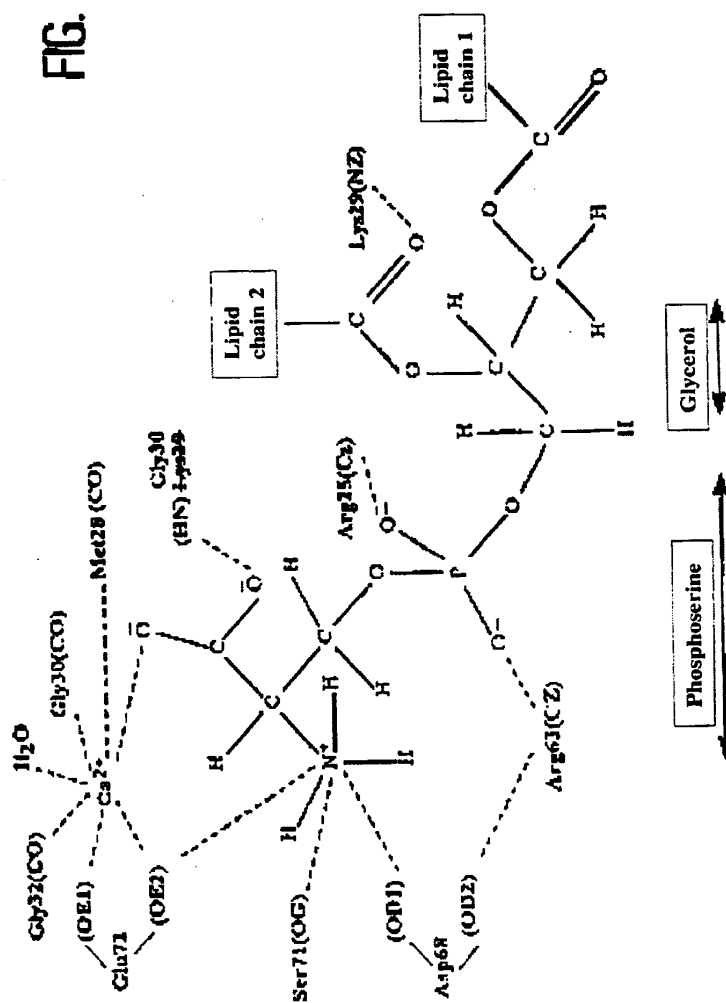
8/10



Compound (I) + phosphatidylserine

FIG. 7

FIG. 8



10/10

Wild A5					D68F				D68FI				D68W	
1	2	3	T	4	1	2	3	4	1	2	3	4	1	4

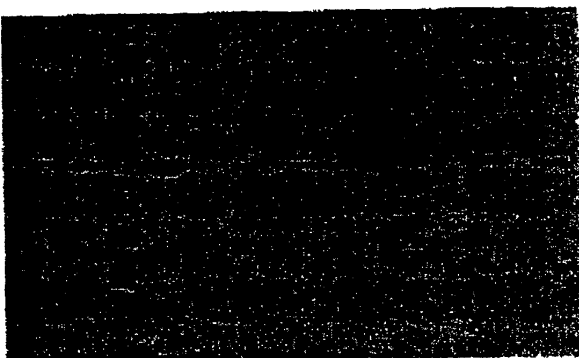


FIG. 9 A

Wild A5					D68F				D68FI				D68W	
1	2	T	3	4	1	2	3	4	1	2	3	4	1	4



FIG. 9 B